

A

Access to USGS water data	25
Accuracy of stage and water-discharge records	17
Acid neutralizing capacity, definition of	26
Acre-foot, definition of	26
Adenosine triphosphate, definition of	26
Alderson, Greenbrier River at	138
Algae	
Blue-green, definition of	27
Fire, definition of	29
Green, definition of	30
Algal growth potential, definition of	26
Alkalinity, definition of	26
Ambient blank, definition of	21
Anglins Creek near Nallen	208, 213
Annual 7-day minimum, definition of	16, 26
Annual mean, definition of	16
Annual runoff, definition of	16, 26
Annual total, definition of	16
Aquifer, explanation of	23
Aquifer, water table, definition of	38
Arbuckle Creek near Thurmond	211
Aroclor, definition of	26
Arrangement of records	18
Artificial substrate, definition of	26
Ash mass, definition of	26
Ashford, Big Coal River at	172
Ashleycamp Run near Lefthand	209
Audra, Middle Fork River at	94

B

Bacteria	
Fecal coliform, definition of	29
Fecal streptococcal, definition of	29
Total coliform, definition of	36
Baileysville, Guyandotte River near	178
Ballard Fork near Mud	188
Ballard Fork near Mud, Unnamed Tributary near	184
Barrackville, Buffalo Creek at	108
Base discharge (for peak discharge), definition of	26
Base flow, definition of	26
Beartown, Dry Fork at	194
Bed material, definition of	27
Bedload discharge, definition of	26
Bedload, definition of	26
Beech Fork below Beech Fork Dam	206
Belington, Tygart Valley River at	92
Belva, Gauley River above	158
Benthic organisms, definition of	27
Big Coal River at Ashford	172
Big Creek near Bellepoint	208, 213
Big Sandy Creek at Rockville	122
Biochemical oxygen demand, definition of	27
Biomass pigment ratio, definition of	27
Biomass, definition of	27
Blackwater River at Canaan Valley State Park	216
Blackwater River at Cortland	219
Blackwater River at Davis	114
Blackwater River near Davis	222
Blank samples, definition of	21
Blue-green algae, definition of	27
Bluestone River near Pipestem	132

Bluestone River near Spanishburg	8
Bottom material (see "Bed material")	27
Bowden, Shavers Fork below	116
Brandywine, South Fork South Branch Potomac River at	64
Brier Creek at Fanrock	209
Brooke County, ground-water levels	230
Brooke County, ground-water quality	240
Buck Run near Leopold	208
Buckeye, Greenbrier River at	136
Buckhannon River at Buckhannon	200, 210
Buckhannon River at Hall	98
Buckhannon, Sand Run near	96
Buffalo Creek at Barrackville	108
Buffalo Creek near Rowlesburg	207, 213
Buffalo Run near Little	207

C

Cabins, North Fork South Branch Potomac River at	60
Cacapon River near Great Cacapon	74
Camp Creek near Camp Creek	8
Canaan Valley State Park, Blackwater River at	216
Canister blank, definition of	22
Cells volume	27
Cells/volume, definition of	27
Cfs-day (see "Cubic foot per second-day")	27
Charleston, Kanawha River at	168
Cheat River at Hwy 50 near Rowlesburg	120
Cheat River near Parsons	118
Chemical oxygen demand, definition of	27
Clear Fork at Clear Fork	180
Clear Fork at Whitesville	170
Clostridium perfringens	27
Coal River at Tornado	174
Cobun Creek at Morgantown	110
Coliphages, definition of	27
Collection and computation of data, stage, and water- discharge records	12
Collection and examination of data, water-quality data	17
Collection of ground-water data	23, 24
Color unit, definition of	27
Concurrent sample, definition of	22
Confined aquifer, definition of	27
Contents, definition of	27
Continuous-record station, definition of	27
Control structure, definition of	27
Control, definition of	27
Cooperation, explanation of	1, 14, 20
Cortland, Blackwater River at	219
Craigsville, Gauley River near	150
Cranberry River near Richwood	148
Crane Creek at McComas	9
Crest-stage partial-record stations, annual maximum discharge at	200
Cubic foot per second per square mile, definition of	28
Cubic foot per second, definition of	27
Cubic foot per second-day, definition of	28
Cumberland, MD, North Branch Potomac River near	54

D

Dailey, Tygart Valley River near	88
Daily mean suspended-sediment concentration, definition of	28
Daily-record station, definition of	28

- Data collection and computation of ground-water levels 23
- Data collection and computation of ground-water quality 24
- Data collection and computation of stage and water discharge 12
- Data Collection Platform, definition of 28
- Data logger, definition of 28
- Data presentation ground-water levels 23
- Data presentation ground-water quality 24
- Data presentation stage and water discharge 13
- Data presentation surface-water quality 19
- Data table of daily mean values, explanation of 15
- Datum, definition of 23, 28
- Davis, Blackwater River at 114
- Davis, Blackwater River near 222
- Diatoms, definition of 28
- Diel, definition of 28
- Discharge, definition of 28
- Dissolved oxygen, definition of 28
- Dissolved, definition of 28
- Dissolved-solids concentration, definition of 28
- Diversity index, definition of 28
- Downstream order system 11
- Drainage area, definition of 20, 29
- Drainage area, explanation of stage and water discharge 14
- Drainage basin, definition of 29
- Dry Fork at Beartown 194
- Dry Fork at Hendricks 112
- Dry mass, definition of 29
- Dry weight, definition of 29
- Dunloup Creek near Thurmond 211
- Dunlow, East Fork Twelvepole Creek near 190
- Durbin, Greenbrier River at 134
- Dyer, Williams River at 146
- E**
- East Fork Twelvepole Creek below
- East Lynn Dam 205
- East Fork Twelvepole Creek near Dunlow 190
- Elk River at Queen Shoals 166
- Elk River at Sutton 203
- Elk River below Webster Springs 164
- Elk River near Frametown 204
- Elkins, Tygart Valley River near 90
- Elm Grove, Wheeling Creek at 124
- Enterococcus bacteria, definition of 29
- Enterprise, West Fork River at 106
- EPT Index, definition of 29
- Equipment blank, definition of 22
- Escherichia coli (E. coli), definition of 29
- Estimated (E) value, definition of 29
- Euglenoids, definition of 29
- Explanation of the records 11
- Extractable organic halides, definition of 29
- Extremes ground-water levels, explanation of 24
- Extremes stage and water discharge, explanation of 14
- Extremes surface-water quality, explanation of 20
- F**
- Fecal coliform bacteria, definition of 29
- Fecal streptococcal bacteria, definition of 29
- Field blank, definition of 21
- Filter blank, definition of 22
- Fire algae, definition of 29
- Flow-duration percentiles, definition of 29
- Fourpole Creek near Huntington 209, 214
- Franklin, South Branch Potomac River at 58
- G**
- Gage datum, definition of 29
- Gage height, definition of 30
- Gage values, definition of 30
- Gage, explanation of 14
- Gaging station, definition of 30
- Gas chromatography/flame ionization detector, definition of 30
- Gauley River above Belva 158
- Gauley River at Camden-on-Gauley 203
- Gauley River below Summersville Dam 152
- Gauley River near Craigsville 150
- Gilmer Run near Marlinton 208, 213
- Glen Lyn, New River at 130
- Goose Creek near Petroleum 208, 213
- Grafton, Three Fork Creek near 102
- Granny Creek at Sutton 208
- Grant County, ground-water levels 231
- Great Cacapon, Cacapon River near 74
- Green algae, definition of 30
- Greenbrier River at Alderson 138
- Greenbrier River at Buckeye 136
- Greenbrier River at Durbin 134
- Greenbrier River at Hilldale 140
- Ground-water level records, explanation of 24
- Ground-water levels, by county
- Brooke 230
- Grant 231
- Hampshire 232
- Jefferson 233
- Mingo 234
- Nicholas 235
- Pocahontas 236
- Wayne 237
- Webster 238
- Wyoming 239
- Ground-water quality, by county
- Brooke 240
- Hampshire 240
- Hardy 240
- Lewis 240
- Marshall 240
- Mason 240
- Wayne 240
- Wetzel 240
- Wyoming 240
- Guyandotte River at Branchland 205
- Guyandotte River at Logan 182
- Guyandotte River at Man 204
- Guyandotte River below R. D. Bailey Dam 204, 212
- Guyandotte River near Baileysville 178
- H**
- Habitat quality index, definition of 30
- Hall, Buckhannon River at 98
- Hampshire County, ground-water levels 232
- Hampshire County, ground-water quality 240
- Hancock, MD, Potomac River at 80
- Hardness, definition of 30

- Hardy County, ground-water quality **240**
 Headsville, Patterson Creek near **56**
 Heavener Run near Brandywine **207**
 Hendricks, Dry Fork at **112**
 High tide, definition of **30**
 Highest annual mean, definition of **16**
 Highest daily mean, definition of **16**
 Hilldale, Greenbrier River at **140**
 Hilsenhoff's Biotic Index, definition of **30**
 Hinton, New River at **142**
 Horizontal datum (See "Datum") **30**
 Hurricane Creek at Hurricane **176**
 Hydrologic benchmark network, explanation of **10**
 Hydrologic benchmark station, definition of **30**
 Hydrologic conditions, summary of **10**
 Hydrologic index station, definition of **30**
 Hydrologic unit, definition of **30**
- I**
- Identifying estimated daily discharge **17**
 Inch, definition of **30**
 Indian Creek at Fanrock **8**
 Instantaneous discharge, definition of **30**
 Instantaneous low flow, definition of **16**
 Instantaneous peak flow, definition of **16**
 Instantaneous peak stage, definition of **16**
 Instrumentation, explanation of **20, 23**
 Introduction **1**
- J**
- Jefferson County, ground-water levels **233**
- K**
- Kanawha River at Charleston **168**
 Kanawha River at Kanawha Falls **162**
 Kermit, Tug Fork at **198**
- L**
- Laboratory measurements, explanation of **19**
 Laboratory Reporting Level, definition of **30**
 Land-surface datum, definition of **30**
 Latitude-longitude system, definition of **11**
 Laurel Creek at Quinnimont **211**
 Lewis County, ground-water quality **240**
 Lick Creek near Sandstone **211**
 Light-attenuation coefficient, definition of **31**
 Lipid, definition of **31**
 Little Cacapon River at Frenchburg, WV **207**
 Little Kanawha River at Burnsville **202**
 Little Kanawha River at Glenville **202, 210**
 Little Kanawha River at Grantsville **203, 210**
 Little Kanawha River at Palestine **128**
 Little Kanawha River below Burnsville Dam **202**
 Little Kanawha River near Wildcat **126**
 Location ground-water levels, explanation of **23**
 Location stage and water discharge, explanation of **14**
 Location surface-water quality, explanation of **20**
 Logan, Guyandotte River at **182**
 Long-Term Method Detection Level, definition of **31**
 Low flow, 7-day 10-year, definition of **34**
 Low tide, definition of **31**
 Lowest annual mean, definition of **16**
 Lowest daily mean, definition of **16**
- Luke, MD, North Branch Potomac River at **52**
- M**
- Macrophytes, definition of **31**
 Marr Branch near Fayetteville **211**
 Marsh Fork at Glen Daniel **9**
 Marsh Fork at Maben **209, 214**
 Marshall County, ground-water quality **240**
 Martinsburg, Opequon Creek near **82**
 Mason County, ground-water quality **240**
 Meadow Creek at Meadow Creek **211**
 Meadow River at Nallen **225**
 Meadow River near Mount Lookout **156**
 Mean concentration of suspended sediment, definition of **31**
 Mean discharge, definition of **31**
 Mean high tide, definition of **31**
 Mean low tide, definition of **31**
 Mean sea level, definition of **31**
 Measuring point, definition of **31**
 Membrane filter, definition of **31**
 Metamorphic stage, definition of **31**
 Method Detection Limit, definition of **31**
 Methylene blue active substances, definition of **31**
 Micrograms per gram, definition of **31**
 Micrograms per kilogram, definition of **31**
 Micrograms per liter, definition of **31**
 Microsiemens per centimeter, definition of **31**
 Middle Fork River at Audra **94**
 Milligrams per liter, definition of **32**
 Millville, Shenandoah River at **84**
 Mingo County, ground-water levels **234**
 Minimum Reporting Level, definition of **32**
 Miscellaneous site, definition of **32**
 Moorefield, South Branch Potomac River near **68**
 Moorefield, South Fork South Branch Potomac River near **66**
 Morgantown, Cobun Creek at **110**
 Most probable number (MPN), definition of **32**
 Mount Clare, West Fork River near **104**
 Mount Lookout, Meadow River near **156**
 Mount Storm, Stony River near **48**
 Mud Lick Run near Buckhannon **207, 213**
 Mud, Ballard Fork near **188**
 Mud, Spring Branch near **186**
 Mud, Unnamed Tributary to Ballard Fork near **184**
 Multiple-plate samplers, definition of **32**
- N**
- Nallen, Meadow River at **225**
 Nanograms per liter, definition of **32**
 National atmospheric deposition program/national trends network (NADP/NTN), definition of **10**
 National Geodetic Vertical Datum of 1929, definition of **32**
 National stream-quality accounting network (NASQAN), definition of **10**
 National water-quality assessment (NAWQA) program, definition of **10**
 Natural substrate, definition of **32**
 Nekton, definition of **32**
 Nephelometric turbidity unit, definition of **32**
 New River at Glen Lyn **130**
 New River at Hinton **142**
 New River at Thurmond **144**

- New River below Hawks Nest Dam **211**
 NGVD of 1929 (see "National Geodetic Vertical Datum of 1929") **32**
 Nicholas County, ground-water levels **235**
 North American Vertical Datum of 1988 (NAVD 1988), definition of **32**
 North Branch Potomac River at Luke, MD **52**
 North Branch Potomac River at Steyer, MD **46**
 North Branch Potomac River near Cumberland, MD **54**
 North Fork South Branch Potomac River at Cabins **60**
- O**
 Ohio River at Huntington **205**
 Ohio River at Point Pleasant **204**
 Ohio River near Marietta, OH **202**
 On-site measurements and sample collection, surface-water quality **18**
 Open or screened interval, definition of **32**
 Opequon Creek near Martinsburg **82**
 Organic carbon, definition of **32**
 Organic mass, definition of **32**
 Organism count, definition of
 Area, definition of **32**
 Total, definition **37**
 Volume, definition of **32**
 Organochlorine compounds, definition of **32**
- P**
 Palestine, Little Kanawha River at **128**
 Parameter Code, definition of **32**
 Parsons, Cheat River near **118**
 Partial-record and miscellaneous sites, discharge at **200**
 Partial-record station, definition of **32**
 Particle size, definition of **32**
 Particle-size classification, definition of **33**
 Patterson Creek near Headsville **56**
 Paw Paw, Potomac River at **72**
 Payne Branch near Oakvale **208, 213**
 Peak discharges, explanation of **14**
 Peak flow (peak stage), definition of **33**
 Percent composition (percent of total), definition of **33**
 Percent shading, definition of **33**
 Period of record ground-water levels, explanation of **24**
 Period of record stage and water discharge, explanation of **14**
 Period of record surface-water quality, explanation of **20**
 Periodic-record station, definition of **33**
 Periphyton, definition of **33**
 Pesticides, definition of **33**
 Petersburg, South Branch Potomac River near **62**
 pH, definition of **33**
 Philippi, Tygart Valley River at **100**
 Phytoplankton, definition of **33**
 Picocurie, definition of **33**
 Piney Creek near McCreery **211**
 Pipestem, Bluestone River near **132**
 Plankton, definition of **33**
 Pocahontas County, ground-water levels **236**
 Point of Rocks, MD, Potomac River at **86**
 Polychlorinated biphenyls (PCB's), definition of **33**
 Polychlorinated naphthalenes, definition of **33**
 Poplar Fork at Teays **209**
 Potomac River at Hancock, MD **80**
 Potomac River at Paw Paw **72**
 Potomac River at Point of Rocks, MD **86**
 Potomac River, North Branch at Luke, MD **52**
 Potomac River, North Branch at Steyer, MD **46**
 Potomac River, North Branch near Cumberland, MD **54**
 Potomac River, North Fork South Branch at Cabins **60**
 Potomac River, South Branch at Franklin **58**
 Potomac River, South Branch near Moorefield **68**
 Potomac River, South Branch near Petersburg **62**
 Potomac River, South Branch near Springfield **70**
 Potomac River, South Fork South Branch at Brandywine **64**
 Potomac River, South Fork South Branch near Moorefield **66**
 Preservation blank, definition of **22**
 Primary productivity, definition of **33**
 Carbon method, definition of **33**
 Oxygen method, definition of **34**
 Pump blank, definition of **22**
- Q**
 Quality-control data **21**
 Queen Shoals, Elk River at **166**
- R**
 Radiochemical program, definition of **11**
 Radioisotopes, definition of **34**
 Records, accuracy of **17**
 Records, arrangement of **18**
 Records, explanation of ground-water levels **23**
 Records, ground-water quality **24**
 Records, other available **17**
 Records, stage and water discharge **12**
 Records, surface-water quality **17**
 Recoverable, bed (bottom) material, definition of **34**
 Recurrence interval, definition of **34**
 Reedy Creek near Reedy **215**
 Reference sample, definition of **22**
 Remarks codes **21, 45, 229**
 Remarks ground-water levels, explanation of **24**
 Remarks stage and water discharge, explanation of **14**
 Remarks surface-water quality, explanation of **20**
 Replicate samples, definition of **22, 34**
 Return period (see "Recurrence interval") **34**
 Revised records, explanation of **14**
 Revisions, stage and water-discharge records **15**
 Revisions, surface-water quality records **20**
 Richwood, Cranberry River near **148**
 River mileage, definition of **34**
 Rock Creek near Danville **209, 214**
 Rockville, Big Sandy Creek at **122**
 Rowlesburg, Cheat River at Hwy 50 near **120**
 Runoff, definition of **34**
- S**
 Sampler blank, definition of **22**
 Sand Run near Buckhannon **96**
 Sea level, definition of **34**
 Sediment, definition of **34**
 Total load, definition of **37**
 Sediment, explanation of **19**
 Sequential samples, definition of **22**
 Seven-day 10-year low flow, definition of **34**
 Shavers Fork at Bemis **201, 210**

- Shavers Fork at Cheat Bridge **207, 213**
 Shavers Fork at Parsons **201**
 Shavers Fork below Bowden **116**
 Shenandoah River at Millville **84**
 Sodium adsorption ratio, definition of **35**
 Source solution blank, definition of **21**
 South Branch Potomac River at Franklin **58**
 South Branch Potomac River near Moorefield **68**
 South Branch Potomac River near Petersburg **62**
 South Branch Potomac River near Springfield **70**
 South Fork South Branch Potomac River at Brandywine **64**
 South Fork South Branch Potomac River near Moorefield **66**
 Special networks and programs **10**
 Specific electrical conductance (conductivity), definition of **35**
 Spike sample, definition of **22**
 Split sample, definition of **22**
 Splitter blank, definition of **22**
 Spring Branch near Mud **186**
 Springfield, South Branch Potomac River near **70**
 Stable isotope ratio, definition of **35**
 Stage (see Gage height) **35**
 Stage and water-discharge records, explanation of **12**
 Stage-discharge relation, definition of **35**
 Standpipe blank, definition of **22**
 Station identification numbers, definition of **11**
 Station manuscript, explanation of **14**
 Statistics of monthly mean data, explanation of **15**
 Steyer, MD, North Branch Potomac River at **46**
 Stony River near Mount Storm **48**
 Streamflow, definition of **35**
 Substrate, artificial, definition of **26**
 Substrate, definition of **35**
 Artificial, definition of **26**
 Embeddedness Class, definition of **35**
 Natural, definition of **32**
 Summary statistics, explanation of **15**
 Summersville Dam, Gauley River below **152**
 Surface area of a lake, definition of **35**
 Surficial bed material, definition of **35**
 Suspended sediment, definition of **35**
 Mean concentration of, definition of **31**
 Suspended solids, total residue, definition of **36**
 Suspended, definition of **35**
 Recoverable, definition of **35**
 Total, definition of **36**
 Suspended-sediment, definition of
 Concentration **35**
 Concentration, definition of **35**
 Discharge, definition of **35**
 Load, definition of **35**
 Synoptic studies, definition of **36**
- T**
 Taxa richness, definition of **36**
 Taxonomy, definition of **36**
 Temperature preferences
 Cold, definition of **36**
 Cool, definition of **36**
 Warm, definition of **36**
 Thermograph, definition of **36**
 Three Fork Creek near Grafton **102**
 Thurmond, New River at **144**
- Time-weighted average, definition of **36**
 Tons per acre-foot, definition of **36**
 Tons per day, definition of **36**
 Tornado, Coal River at **174**
 Total coliform bacteria, definition of **36**
 Total discharge, definition of **37**
 Total in bottom material, definition of **37**
 Total length, definition of **37**
 Total load, definition of **37**
 Total organism count, definition of **37**
 Total recoverable, definition of **37**
 Total sediment discharge, definition of **37**
 Total sediment load, definition of **37**
 Total, definition of **36**
 Bottom material **37**
 Coliform bacteria **36**
 Trip blank, definition of **21**
 Trip blank, explanation of **21**
 Tritium network, definition of **11**
 Trophic group, definition of
 Filter feeder **37**
 Herbivore **37**
 Invertivore **37**
 Omnivore **37**
 Piscivore **37**
 Tug Fork at Kermit **198**
 Tug Fork at Litwar **9**
 Tug Fork at Vulcan **9**
 Tug Fork at Welch **192**
 Tug Fork at Williamson **196**
 Turbidity, definition of **37**
 Twelvepole Creek below Wayne **206**
 Twelvepole Creek, East Fork near Dunlow **190**
 Tygart Valley River at Belington **92**
 Tygart Valley River at Colfax **200, 210**
 Tygart Valley River at Philippi **100**
 Tygart Valley River near Dailey **88**
 Tygart Valley River near Elkins **90**
- U**
 Ultraviolet (UV) absorbance (absorption), definition of **37**
 Unnamed Run at Gilman **207**
 Unnamed Tributary to Ballard Fork near Mud **184**
 USGS water data, access to **25**
- V**
 Vertical datum (see "Datum") **37**
 Volatile organic compounds, definition of **37**
- W**
 Water table, definition of **38**
 Water temperature, explanation of **19**
 Water year, definition of **38**
 Water-quality records, explanation of **17**
 Water-table aquifer, definition of **38**
 Wayne County, ground-water levels **237**
 Wayne County, ground-water quality **240**
 WDR, definition of **38**
 Webster County, ground-water levels **238**
 Webster Springs, Elk River below **164**
 Weighted average, definition of **38**
 Welch, Tug Fork at **192**

Well characteristics, explanation of	23	Wildcat, Little Kanawha River near	126
West Fork Little Kanawha River at Rocksdales	203	Williams River at Dyer	146
West Fork River at Butcherville	201, 210	Williamson, Tug Fork at	196
West Fork River at Enterprise	106	Wolf Creek near Fayetteville	211
West Fork River at Walkersville	201, 210	WSP, definition of	38
West Fork River near Mount Clare	104	Wyoming County, ground-water levels	239
Wet mass, definition of	38	Wyoming County, ground-water quality	240
Wet weight, definition of	38		
Wetzel County, ground-water quality	240	Z	
Wheeling Creek at Elm Grove	124	Zooplankton, definition of	38
Whitesville, Clear Fork at	170		